

- Adrien, Robert** – see Hamilton, Ian
- Ala-Kaila, Kari** – see Sankari, Minna
- Allison, Robert W.** – see Leroy, Nicholas
- Amar, Eric, Didier Chaussy and Martine Rueff** – A study of the influence of dryer fabrics upon paper drying: analysis of contact area and contact coefficient variations with fabric tension455
- Ämmälä, Ari J.** – Dual effect of foil tip speed on reject thickening in pressure screening128
- Area, Maria C.** – see Felissia, Fernando E.
- Ashley, Christopher R. and Kevin T. Hodgson** – Morphological properties of cellulose fibre recovered from municipal solid waste210
- Avignon, Gerard** – see Lam, Hoang Quoc
- Baer, Daniel** – see Hamilton, Ian
- Ban, Weiping** – see Wang, Shuangfei
- Baptista, Cecilia, Naceur Belgacem and Ana Paula Duarte** – The effect of surfactants on kraft pulping of *Pinus pinaster*35
- Basta, Altaf H., Huaiyu Zhan and Jiaxiang Chen** – Dielectric and thermal properties of handsheets made from recycled pulp and their relationship with deinking efficiency and pulp quality57
- Basta, Altaf H., Huaiyu Zhan and Jiaxiang Chen** – Enhancement of the strength and flame-retardant properties of handsheets made from deinked pulp465
- Basta, Altaf H., Huaiyu Zhan, Shuangfei Wang, Bingyun Li, Chongxing Huang and Jiaxiang Chen** – The use of deinking rate and cleaning rate to evaluate deinking plant performance23
- Basta, Jiri** – see Björklund, Magnus
- Batchelor, Warren J., Ziqi Wu and Robert E. Johnston** – Measurement of z-direction moisture transport and shrinkage in the drying of paper107
- Batchelor, Warren J.** – see He, Jihong
- Belgacem, Mohamed Naceur** – see Gaiolas, Carla
- Belgacem, Naceur** – see Baptista, Cecilia
- Bennington, Chad P.J.** – see Lee, Quak Foo
- Bhardwaj, Nishi K. and Vikas Rajan** – Wet strength paper repulping: effect of process variables305
- Bigot, Yves Le** – see Lam, Hoang Quoc
- Björklund, Magnus, Ulf Germgård and Jiri Basta** – The influence of softwood kraft cooking conditions on the brightness development in ECF bleaching234
- Cavaleiro, José A. S.** – see Freire, Carmen S. R.
- Chandrkrachang, Suwalee** – see Lertsutthiwong, Pranee
- Chaussy, Didier** – see Amar, Eric
- Chen, Jiaxiang** – see Basta, Altaf H.
- Chen, X. Dong** – see Paul, Torsten
- Chirat, Christine** – see Leroy, Nicholas
- Clark, Noel B. and Carl P. Garland** – The potential of dryland conifers for kraft pulp production311
- Colodette, Jorge L., Katia M. M. Eiras, Romildo Oliveira and Gustavo Ventorim** – Influence of eucalypt wood supply on pulp brightness stability481
- Colom, José F.** – see Pedrola, Jordi
- Costa, Ana P.** – see Gaiolas, Carla
- Covey, Geoff** – see Hamilton, Ian
- Creasy, Dennis** – see Hamilton, Ian
- Dahl, Olli** – see Sankari, Minna
- Delmas, Michel** – see Lam, Hoang Quoc
- Duarte, Ana Paula** – see Baptista, Cecilia
- Duffy, Geoffrey G.** – see Paul, Torsten
- Eagle, Alan, Manh Hoang, Keith Wilshier and Zongli Xie** – Catalysts for a better kraft pulp mill environment390
- Eiras, Katia M. M.** – see Colodette, Jorge L.
- Eroglu, Hüdaverdi** – see Tutus, Ahmet
- Evans, Robert** – see Kibblewhite, R. Paul
- Evtuguin, Dmitry V.** – see Gasper, Armindo
- Felissia, Fernando E. and Maria C. Area** – The effect of phosphonates on kraft pulping and brown stock washing of eucalypt pulps30
- Freire, Carmen S. R., Armando J. D. Silvestre, Carlos Pascoal Neto and José A. S. Cavaleiro** – Glucuronoxylan-derived chlorinated compounds in filtrates from chlorine dioxide bleaching: a comparative study between eucalypt (*E. globulus*) and birch (*Betula* spp.) kraft pulps40
- Gaiolas, Carla, Ana P. Costa, M. Santos Silva and Mohamed Naceur Belgacem** – Adsorption of cationic starch on typical furnishes used in the Portuguese paper industry112
- Garland, Carl P.** – see Clark, Noel B.
- Gasper, Armindo, Dmitry V. Evtuguin and Carlos Pascoal Neto** – Tungstovanadosilicate heteropolyanions as catalysts in oxygen delignification of eucalypt kraft pulp386
- Germgård, Ulf** – see Björklund, Magnus
- Hamilton, Ian, Robert Adrien, Daniel Baer, Geoff Covey, Dennis Creasy and Steven Harper** – Deposit formation in the sulfite stage of a magnetite chemical recovery system367
- Harper, Steven** – see Hamilton, Ian
- Harper, Steven and Shaun Slattery** – The evaluation and use of antiscald additives in the magnesium bisulfite recovery process372
- He, Jihong, Warren J. Batchelor and Robert E. Johnston** – A microscopic study of fibre-fibre contacts in paper292
- Hearnshaw, Edward J.S., S. Torsten Paul and Ken K. Y. Wong** – Increased flocculation of kraft pulp fibres with enzyme treatment46
- Heitmann, John A.** – see Tripaththaranan, Taweewat
- Heitmann, John A.** – see Taweewat, Tripaththaranan
- Helle, Topi-Matti and Hannu Paulapuro** – Effect of precipitated gas bubbles in papermaking444
- Hiltunen, Eero** – see Kang, Taegeun
- Hjärthag, Curt** – see Mešić, Behudin
- Hoadley, Andrew** – see Nguyen, K.L.
- Hoang, Manh** – see Eagle, Alan
- Hodgson, Kevin T.** – see Ashley, Christopher R.
- Hoyland, Dick** – see Karademir, Arif
- Huang, Chongxing** – see Basta, Altaf H.
- Hubbe, Martin A.** – see Taweewat, Tripaththaranan
- Hubbe, Martin A.** – see Tripaththaranan, Taweewat
- Isogai, Akira** – see Obokata, Takao
- Järnström, Lars** – see Mešić, Behudin
- Johnston, Robert E.** – see Batchelor, Warren J.
- Johnston, Robert E.** – see He, Jihong
- Kallioinen, Anne, Matti Siika-Aho, Jaakko Pere, Anu Vaari Liisa Viikari** – Evaluation of bacterial pretreatment of spruce woodchips for mechanical pulping488
- Kang, Taegeun, Hannu Paulapuro and Eero Hiltunen** – Fracture mechanism in interfibre bond failure – microscopic observations199
- Karademir, Arif, Dick Hoyland, Nicholas Wiseman and Huining Xiao** – A study of the effects of alkyl ketene dimer and ketone on paper sizing and friction properties116
- Kibblewhite, R. Paul, Robert Evans, Mark J.C. Riddell and C.J.A. Shelbourne** – Changes in density and wood-fibre properties with height position in 15/16-year-old *Eucalyptus nitens* and *E. fastigata*240
- Kibblewhite, R. Paul, Robert Evans and Mark J.C. Riddell** – Interrelationships between kraft handsheet, and wood fibre and chemical properties for the trees and logs of 29 *Eucalyptus fastigata* and 29 *E. nitens*317
- Kim, Se-Jong** – see Yoon, Byung-Ho
- Krishnagopalan, Gopal A.** – McDonough, Thomas J.
- Lachenal, Dominique** – see Leroy, Nicholas
- Lam, Hoang Quoc, Yves Le Bigot, Michel Delmas and Gerard Avignon** – Production of paper grade pulp from bagasse by a novel pulping process26
- Lee, Quak Foo and Chad P.J. Bennington** – Liquid flow through packed columns of cooked wood chips218
- Leroy, Nicholas, Christine Chirat, Dominique Lachenal, Danielle Robert and Robert W. Allison** – Extended oxygen delignification. Part I: effects of multi-stage oxygen bleaching on softwood kraft pulp and residual lignin. Comparison with chlorine dioxide delignification137
- Leroy, Nicolas, Christine Chirat, Dominique Lachenal, Danielle Robert and Robert W. Allison** – Extended oxygen delignification. Part 2: multi-stage oxygen bleaching with intermediate hypochlorous acid stages224
- Lertsutthiwong, Pranee, Mousa M. Nazhad, Suwalee Chandkrachang and Willem F. Stevens** – Chitosan as a surface sizing agent for offset printing paper274
- Lestelius, Magnus** – see Mešić, Behudin
- Li, Bingyun** – see Basta, Altaf H.
- Li, Zhigang** – see Wang, Shuyu
- Liu, Fuping and Elias Retulainen** – Suitability of *Acacia* pulp for woodfree coating base papers460
- Liü, Jian** – see Samp, James
- Lucia, Lucian A.** – see Wang, Shuangfei
- McDonough, Thomas J., Nidhi Rawat and Gopal A. Krishnagopalan** – A highly predictive steady-state model of the D(EO)DED kraft pulp bleaching sequence381
- Mešić, Behudin, Lars Järnström, Curt Hjärthag and Magnus Lestelius** – Effects of application temperature in paper surface sizing with

- temperature-responsive starch on water repellency and flexographic printability281
- Morgan, Dexter G.** – A mechanistic creep model and test procedure299
- Nazhad, Mousa M.** – The influence of refining energy and intensity on enhancing the bonding potential of an OCC pulp191
- Nazhad, Mousa M.** – see Lertsutthiwong, Pranee
- Neto, Carlos Pascoal** – see Freire, Carmen S. R.
- Neto, Carlos Pascoal** – see Gasper, Armindo
- Nguyen, K.L. and Andrew Hoadley** – Design and management of water circuits of a closed integrated unbleached kraft pulp mill395
- Ni, Yonghao** – see Wang, Shuyu
- Obokata, Takao and Akira Isogai** – Effects of polyamideamine-epichlorohydrin (PAE) resin deterioration on PAE retention and wet strength performance in handsheet making411
- Ohshima, Jyunichi, Shinso Yokota, Nobuo Yoshizawa and Toshihiro Ona** – Within-tree variation of vessel morphology and frequency, and representative heights for estimating whole-tree values in *Eucalyptus camaldulensis* and *E. globulus*64
- Oliveira, Romildo** – see Colodette, Jorge L.
- Ona, Toshihiro** – see Ohshima, Jyunichi
- Parker, Ian H.** – see Xambili, Fanny
- Paul, Torsten, Geoffrey G. Duffy and X. Dong Chen** – Simple evaluation methods for deflocculants and their effects on fibre network structure286
- Paul, Torsten** – see Hearnshaw, Edward J.S., S.
- Paulapuro, Hannu** – see Helle, Topi-Matti
- Paulapuro, Hannu** – see Kang, Taegeun
- Pedrola, Jordi, M Blanca Roncero, José F. Colom, Teresa Vidal and Antonio L. Torres** – Application of an experimental design to modelling the hydrogen peroxide stage in TCF bleaching of eucalypt pulp141
- Pelton, R A** – A Review on the Design of Polymers for Increased Paper Dry Strength181
- Perämäki, Paavo** – see Sankari, Minna
- Pere, Jaakko** – see Kallioinen, Anne
- Pietarinen, Suvi, Stefan Willfuor and Bjarne Holmbom** – Wood resin in *Acacia mangium* and *Acacia crassiparva* wood and knots146
- Puurtinen, Ari** – Controlling filler distribution for improved fine paper properties204
- Rajan, Vikas** – see Bhardwaj, Nishi K.
- Rawat, Nidhi** – McDonough, Thomas J.
- Retulainen, Elias** – see Liu, Fuping
- Riddell, Mark J.C.** – see Kibblewhite, R. Paul
- Robert, Danielle** – see Leroy, Nicholas
- Roncero, M Blanca** – see Pedrola, Jordi
- Rueff, Martine** – see Amar, Eric
- Samp, James and Jian Lü** – How does mass transfer affect the effectiveness of AQ?132
- Sankari, Minna, Paavo Perämäki, Mervi Sillanpää, Olli Dahl and Kari Alakaila** – Effects of some specific organic wash loss compounds on the oxygen delignification response of softwood kraft pulp228
- Sillanpää, Mervi** – see Sankari, Minna
- Silva, M. Santos** – see Gaiolas, Carla
- Shen, Wei** – see Xambili, Fanny
- Silka-Aho, Matti** – see Kallioinen, Anne
- Silvestre, Armando J. D.** – see Freire, Carmen S. R.
- Slattery, Shaun** – see Harper, Steven
- Stevens, Willem F.** – see Lertsutthiwong, Pranee
- Teubner, Dieter** – see Xu, Eric C.
- Torres, Antonio L.** – see Pedrola, Jordi
- Tripattharanan, Taweewat, Martin A. Hubbe, John A. Heitmann and Richard A. Venditti** – Effect of idealised flow conditions on retention aid performance. Part 2: polymer bridging, charged patches, and charge neutralisation448
- Tripattharanan, Taweewat, Martin A. Hubbe, Richard A. Venditti and John A. Heitmann** – Effect of idealised flow conditions on retention aid performance. Part 1: cationic acrylamide copolymer404
- Tutus, Ahmet and Hüdaverdi Eroglu** – An alternative solution to the silica problem in wheat straw pulping214
- Venditti, Richard A.** – see Tripattharanan, Taweewat
- Venditti, Richard A.** – see Taweewat, Tripattharanan
- Ventorim, Gustavo** – see Colodette, Jorge L.
- Vidal, Teresa** – see Pedrola, Jordi
- Viikari, Anu Vaari Liisa** – see Kallioinen, Anne
- Walmsley, Michael and Zuben Weeds** – Plug flow versus mixed flow modelling of a pressure screen121
- Wang, Li-Jun** – see Yoon, Byung-Ho
- Wang, Shuangfei** – see Basta, Altaf H.
- Wang, Shuangfei, Weiping Ban and Lucian A. Lucia** – The effect of green liquor/anthraquinone-modified kraft pulping on the physical and chemical properties of hardwoods475
- Wang, Shuyu, Zhigang Li, Yonghao Ni and Eric Zhang** – Sodium borohydride assisted hydrogen peroxide bleaching process for mechanical pulps377
- Wu, Ziqi** – see Batchelor, Warren J.
- Weeds, Zuben** – see Walmsley, Michael
- Wilshier, Keith** – see Eagle, Alan
- Wiseman, Nicholas** – see Karademir, Arif
- Wong, Ken K. Y.** – see Hearnshaw, Edward J.S., S.
- Xambili, Fanny, Wei Shen and Ian H. Parker** – Ink-fountain solution interaction in lithography. Part I: observation of fountain solution droplets and air bubbles in ink vehicle using confocal microscopy399
- Xiao, Huining** – see Karademir, Arif
- Xie, Zongli** – see Eagle, Alan
- Xu, Eric C. and Dieter Teubner** – Comparison of chemical and chemimechanical pulps from hardwoods43
- Yamauchi, Tatsuo** – Acoustic emission under out-of-plane tearing of paper51
- Yokota, Shinso** – see Ohshima, Jyunichi
- Yoon, Byung-Ho, Li-Jun Wang, Seung-Lak Yoon and Se-Jong Kim** – Mechanism of chlorate formation in chlorine dioxide delignification472
- Yoon, Seung-Lak** – see Yoon, Byung-Ho
- Yoshizawa, Nobuo** – see Ohshima, Jyunichi
- Zhan, Huaiyu** – see Basta, Altaf H.
- Zhang, Eric** – see Wang, Shuyu

Annual Index of Special Articles – Volume 57

- Appita Asia – Plenty of interest in China as paper and board consumption trends upwards8
- Supreme capacity output through intelligent winding by Ahti Peiponen9
- Total approach to deposit Control on Newsprint machine using TMP and DIP pulp mix – from specialized fixation of individual pulps to retention by Alcy Dechandt, Troy Watkins and Przem Pruzynski13
- Coated paper quality optimisation by drying simulation and adequate non-contact drying implementation along drying arch by Philippe Noclain19
- Pulping of Highly Contaminated Paper by Dietrich Bergfeld89
- kajaaniKSF – Automated Standard Freeness Analyser by Timo Riippa and Esa Piirainen94
- CPBIS: A New Model for Understanding Issues Critical to the Future of the Paper Industry by Thomas J McDonagh99
- Conference Technical Program151
- Exhibition Showcase155
- Appita Awards167
- On the design of polymers for increased paper dry strength – a review by Robert Pelton181
- Appita Asia – Rob Ryan's Symposium Report263
- Can the Industry attract the best graduates? by Rolf Prince265
- The history and current status of the paper and paperboard industry in Turkey by Hüdaverdi Eroglu and Ahmet Tutus268
- Conference Reports328
- Feature: Interview with Hans Süss343
- Advances in board and packaging papers manufacture – the Voith story by Ken Maddern345
- Strategic Planning made easy by the use of AIM by Tony Johnson, LARS Samuelsson and André Hamman354
- Options to Improve TCF-Bleaching of Sulfite Pulp by Hans U. Süss, Kurt Schmidt and Michael Del Grosso361
- Feature: Interview with Nick Roberts431
- Gapmaster – a new generation SSB triple layer forming fabric by Ahti Marin433
- The Consulting Engineer in the 21st Century by David C. Russell436
- The two-stage oxygen delignification of hardwood kraft pulp by Ai Van Tran440

